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#### 1 A framework for collaborative control of applications

James R. Miller, Serhan Yengulalp, Patrick L. Sterner

March 2005 **SAC '05: Proceedings of the 2005 ACM symposium on Applied Computing**

**Publisher:** ACM

Full text available: Pdf (439.48 KB)

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**Bibliometrics:** Downloads (6 Weeks): 5, Downloads (12 Months): 46, Download

Highly interactive applications are increasingly being used in decision support systems. Frequently these environments in which ...

**Keywords:** collaborative techniques, remote application control

#### 2 Flexible approach for representing object oriented databases in XML

Taher Nasser, Reda Alhajj, Mick Ridley

November 2008 **iiWAS '08: Proceedings of the 10th International Conference on Information and Applications & Services**

**Publisher:** ACM

Full text available: Pdf (120.35 KB)

Additional Information: [full citation](#), [abs](#)

**Bibliometrics:** Downloads (6 Weeks): 22, Downloads (12 Months): 88, Download

In this paper, we address the representation of object-oriented databases for platform independent sharing of data stored in object-oriented format. We propose a reverse engineering ...

#### 3 An object-oriented approach for model integration within virtual human physiological modeling

Ming Gu

October 2002 **Journal of Computing Sciences in Colleges**, Volume 18 Issue 1

**Publisher:** Consortium for Computing Sciences in Colleges

Full text available: Pdf (54.29 KB)

Additional Information: [full citation](#), [abs](#)

**Bibliometrics:** Downloads (6 Weeks): 7, Downloads (12 Months): 25, Download

This project applies object-oriented principles and hierarchical design to the performance of a large simulation package. At Oak Ridge National Laboratory, a simulation platform ...

 **XfaceEd: authoring tool for embodied conversational agents**

Koray Balci

October 2005 **ICMI '05: Proceedings of the 7th international conference on**  
**Publisher:** ACMFull text available:  [Pdf](#) (2.04 MB)Additional Information: [full citation](#), [abs](#)**Bibliometrics:** Downloads (6 Weeks): 5, Downloads (12 Months): 25, Download

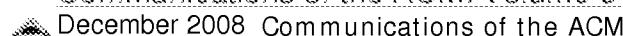
In this paper, XfaceEd, our open source, platform independent tool for embodied conversational agents (ECAs) is presented. Following MPEG-4 Facial Animation (FA) standard, XfaceEd can generate MPEG-4 ready ...

**Keywords:** 3D facial animation, MPEG-4, embodied conversational agents**5 Model-based design of context-sensitive interactive applications: a design study**

Jan Van den Bergh, Karin Coninx

November 2004 **TAMODIA '04: Proceedings of the 3rd annual conference on**  
**Publisher:** ACMFull text available:  [Pdf](#) (162.76 KB)Additional Information: [full citation](#), [abs](#)**Bibliometrics:** Downloads (6 Weeks): 16, Downloads (12 Months): 64, Download

Model-based design of user interfaces can be a viable alternative for other approaches. In the case of multi-platform and even more so in the case of context-sensitive applications, it has several ...

**Keywords:** context-sensitive interactive systems, graphical notation, modeling**6 Communications of the ACM: Volume 51 Issue 12**December 2008 **Communications of the ACM****Publisher:** ACMFull text available:  [Digital Edition](#) ,  [Pdf](#) (6.91 MB) Additional Information: [full citation](#), [abs](#)**Bibliometrics:** Downloads (6 Weeks): 453, Downloads (12 Months): 4375, Download**7 Composing simulation models using interface definitions based on XML**

Mathias Röhl, Stefan Morgenstern

December 2007 **WSC '07: Proceedings of the 39th conference on Winter simulation****Publisher:** IEEE PressFull text available:  [Pdf](#) (185.47 KB)Additional Information: [full citation](#), [abs](#)**Bibliometrics:** Downloads (6 Weeks): 7, Downloads (12 Months): 65, Download

Using models in different contexts poses major integration challenges, resulting in complex compositions. Independently of each other developed model components cannot be easily composed, even if based on the ...

**8 Composing simulations from XML-specified model components**

Mathias Röhl, Adelinde.M.Uhrmacher

December 2006 **WSC '06: Proceedings of the 38th conference on Winter simulation****Publisher:** Winter Simulation ConferenceFull text available:  [Pdf](#) (176.44 KB)Additional Information: [full citation](#), [abs](#)

**Bibliometrics:** Downloads (6 Weeks): 6, Downloads (12 Months): 35, Download

This paper is about the flexible composition of efficient simulation mode framework that can be added as an additional layer on top of simulation specifications ...

**9 A spreadsheet approach to programming and managing sensor networks**

 **Alec Wee, Siddharth Seth, Tim Olson, Jie Liu, Feng Zhao**  
April 2006 **IPSN '06: Proceedings of the 5th international conference on Sensor Networks, Ubiquitous Computing, and Trustworthy Computing**

**Publisher:** ACM  
Full text available:  [Pdf](#) (991.41 KB) Additional Information: [full citation](#), [abs](#)

**Bibliometrics:** Downloads (6 Weeks): 7, Downloads (12 Months): 54, Download

We present a spreadsheet approach to simplifying the process of managing sensor networks and visualizing, archiving and retrieving sensor data. An Excel spreadsheet is used to demonstrate the idea. ...

**Keywords:** SQL server, data streams, excel, networked sensors

**10 Checkpoint and Restart for Distributed Components in XCAT3**

 **Sriram Krishnan, Dennis Gannon**  
November 2004 **GRID '04: Proceedings of the 5th IEEE/ACM International Conference on Grid Computing**

**Publisher:** IEEE Computer Society  
Full text available:  [Pdf](#) (160.71 KB) Additional Information: [full citation](#), [abs](#)

**Bibliometrics:** Downloads (6 Weeks): 3, Downloads (12 Months): 21, Download

With the advent of Grid computing, more and more high-end computation is now available to the scientific community. While this opens up new avenues for scientific research, it makes the management of distributed systems a non-trivial task ...

**Keywords:** Grids, Components, Web Services, Distributed Checkpointing, Restart

**11 Interest Operators: Facilitating Attribute Interest Criteria for Formulating Interest Management in Distributed Virtual Environments**

 **Robert Bartlett**  
May 2006 **PADS '06: Proceedings of the 20th Workshop on Principles of Advanced Discrete Systems**

**Publisher:** IEEE Computer Society  
Full text available:  [Pdf](#) (279.76 KB) Additional Information: [full citation](#), [abs](#)

**Bibliometrics:** Downloads (6 Weeks): 5, Downloads (12 Months): 15, Download

Interest Management (IM) schemes for Distributed Virtual Environment: reducing the amount of data transmitted between participants and objects in a DVE instance by reducing the amount of data sent and/or received across a communication link ...

**12 Middleware for large distributed systems and organizations**

 **George Dimitoglou, Philippe Moore, Shmuel Rotenstreich**  
September 2003 **ISICT '03: Proceedings of the 1st international symposium on Internet technologies**

**Publisher:** Trinity College Dublin

Full text available:  Pdf (1.13 MB)

Additional Information: [full citation](#), [abs](#)

**Bibliometrics:** Downloads (6 Weeks): 1, Downloads (12 Months): 17, Download

Modern computational environments are complex, dynamic and highly coupled. They consist of independent or grouped objects that communicate, collaborate and perform their tasks in a distributed way. *Middleware++*, a unifying ...

**Keywords:** distributed systems, dynamic organizations, middleware

**13 Proceedings of the 18th international conference on World wide web**

 Juan Quemada, Gonzalo León, Yoelle Maarek, Wolfgang Nejdl  
April 2009 **WWW '09**: Proceedings of the 18th international conference

**Publisher:** ACM

Additional Information: [full citation](#), [abstract](#)

**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Download

We are thrilled to have you attend this eighteenth edition of the WWW Conference, the largest meeting on the Web. This year, the Web was evolving at a rapid pace, with two meetings ...

**14 Proceedings of the 2008 ACM symposium on Applied computing**

 Roger L. Wainwright, Hisham M. Haddad  
March 2008 **SAC '08**: Proceedings of the 2008 ACM symposium on Applied computing

**Publisher:** ACM

Additional Information: [full citation](#), [abstract](#)

**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Download

Welcome to the 23rd Annual ACM Symposium on Applied Computing (SAC). This year's conference is designed to bring together computer scientists, engineers, and practitioners seeking innovative ideas and solutions in applied computing. This year, the conference ...

**15 Proceedings of the 9th annual conference on Genetic and evolutionary computation**

 Hod Lipson  
July 2007 **GECCO '07**: Proceedings of the 9th annual conference on Genetic and evolutionary computation

**Publisher:** ACM

Additional Information: [full citation](#), [appendices and supplements](#), [abstract](#)

**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Download

These proceedings contain the papers presented at the 9<sup>th</sup> Annual Genetic and Evolutionary Computation Conference (GECCO-2007), held in London, UK, July 7-11, 2007. For the first time (in a conference) we have included a special track on applications of GECCO ...

**16 An analysis of XML database solutions for the management of MPEs**

 Utz Westermann, Wolfgang Klas  
December 2003 **Computing Surveys (CSUR)**, Volume 35 Issue 4

**Publisher:** ACM 

Full text available:  Pdf (448.76 KB)

Additional Information: [full citation](#), [abs](#)

**Bibliometrics:** Downloads (6 Weeks): 46, Downloads (12 Months): 346, Download

MPEG-7 constitutes a promising standard for the description of multime applications based on MPEG-7 media descriptions will be set up in the n management of large ...

**Keywords:** MPEG-7, XML database systems, multimedia databases

**17 Spoken dialogue technology: enabling the conversational user interface**

 Michael F. McTear

March 2002 **Computing Surveys (CSUR)**, Volume 34 Issue 1

**Publisher:** ACM 

Full text available:  Pdf (987.69 KB)

Additional Information: [full citation](#), [abs](#)

**Bibliometrics:** Downloads (6 Weeks): 55, Downloads (12 Months): 656, Downl

Spoken dialogue systems allow users to interact with computer-based a systems by using natural spoken language. The origins of spoken dialog Intelligence research in the ...

**Keywords:** Dialogue management, human computer interaction, langu speech recognition, speech synthesis

**18 An XML query engine for network-bound data**

Zachary G. Ives, A. Y. Halevy, D. S. Weld

December 2002 **The VLDB Journal — The International Journal on Very Large Data Bases**, Volume 16 Number 1  
**Publisher:** Springer-Verlag New York, Inc.

Full text available:  Pdf (351.86 KB)

Additional Information: [full citation](#), [abs](#)

**Bibliometrics:** Downloads (6 Weeks): 11, Downloads (12 Months): 132, Downl

XML has become the lingua franca for data exchange and integration ac Nearly all data providers are adding XML import or export capabilities, a promoted for all types ...

**Keywords:** Data integration, Data streams, Query processing, Web and distributed systems

**19 Transparent adaptation of single-user applications for multi-user real-time collaboration**

 Chengzheng Sun, Steven Xia, David Sun, David Chen, Haifeng Shen, Wentao Li

December 2006 **Transactions on Computer-Human Interaction (TOCHI)**, Volume 13 Number 4

**Publisher:** ACM 

Full text available:  Pdf (3.12 MB)

Additional Information: [full citation](#), [abs](#)

**Bibliometrics:** Downloads (6 Weeks): 50, Downloads (12 Months): 299, Downl

Single-user interactive computer applications are pervasive in our daily applications for supporting multi-user collaboration has the potential to improve the usability ...

**Keywords:** Application sharing, CoPowerPoint, CoWord, computer-supported communication, transparent adaptation

 User interfaces for privacy agents

Lorrie Faith Cranor, Praveen Guduru, Manjula Arjula

June 2006      **Transactions on Computer-Human Interaction (TOCHI)****Publisher:** ACM Full text available:  Pdf (1.82 MB)Additional Information: [full citation](#), [abs](#)**Bibliometrics:** Downloads (6 Weeks): 57,   Downloads (12 Months): 406,   Downl

Most people do not often read privacy policies because they tend to be long and complex. Privacy Preferences (P3P) addresses this problem by providing a standard way to represent privacy policies. P3P ...

**Keywords:** P3P, preferences, privacy, privacy enhancing technology, privacy policies

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